

In the Claims:

Please cancel claims 1-15 and 20-29, without prejudice.

Please amend claim 16 and add new claims 30-32 as follows:

1-15. (Cancelled)

16. (Currently amended) A method of making a magnetic disk, comprising the steps of:

coating a disk surface with a lubricating layer comprising molecules having a photocrosslinking functional group; and a non-polar endcap group;
causing a crosslinking in said molecules by applying an optical radiation to said lubricating layer,

wherein said step of causing said crosslinking is conducted by applying a substantially monochromatic far-ultraviolet radiation with a wavelength corresponding to an absorption wavelength of said photocrosslinking functional group as said optical radiation.

17. (Previously presented) A method as claimed in claim 16, wherein said far-ultraviolet radiation has a half-height width of 15nm or less.

18. (Original) A method as claimed in claim 16, wherein said photocrosslinking functional group is selected from the group consisting of: an alkenyl

group, an alkenyl halide group, an aryl halide group, an aryl azide group, piperonyl group and epoxy group.

19. (Original) A method as claimed in claim 16, wherein said step of causing said crosslinking is conducted while applying heat to said lubricating layer.

20-29. (Cancelled)

30. (New) A method as claimed in claim 16, wherein there is provided a carbon film having a thickness of 8nm or less as an underlayer of said lubricating layer provided underneath said lubricating layer.

31. (New) A method as claimed in claim 16, wherein said lubricating layer is excited optically in an ambient containing oxygen with a concentration of 10ppm or less.

32. (New) A method as claimed in claim 16, wherein said lubricating layer is formed of a resin having a molecular weight of 1200 or more in terms of the molecular weight of polystyrene.